

LISTING OF CLAIMS:

~~{CLAIM 1}~~

1. (Currently Amended) A work carrying device of pressing machine, comprising:

frames provided on both sides of a moving bolster in a work transfer direction;

a pair of bars provided in parallel in the work transfer direction;

a feed carrier held by each of the bars;

a feed drive mechanism provided on each of the bars, the feed drive mechanism driving the feed carrier in the work transfer direction;

a lift drive mechanism provided in each of the frames, the lift drive mechanism driving the pair of bars in a lift direction so that the bars moves vertically;

a clamp drive mechanism provided in each of the frames, the clamp drive mechanism driving the pair of bars in a clamp direction perpendicular to the work transfer direction; and
a work holder detachably attached to the feed carrier for holding a work.

~~{CLAIM 2}~~

2. (Currently Amended) The work carrying device of pressing machine according to claim 1, wherein the feed drive mechanism is provided with a linear motor.

~~{CLAIM 3}~~

3. (Currently Amended) The work carrying device of pressing machine according to claim 1, wherein the feed drive mechanism is provided with a servomotor.

~~{CLAIM 4}~~

4. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 1 to 3~~ claim 1,
wherein a plurality of the work holders for plural working processes are detachably attached to the feed carrier.

~~{CLAIM 5}~~

5. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 1 to 4~~ claim 1,
wherein the pair of bars include fixed bars supported by the lift drive mechanism or the clamp drive mechanism, and movable bars capable of being detached from the fixed bars.

~~{CLAIM 6}~~

6. (Currently Amended) A work carrying device of pressing machine, comprising:

a pair of bars supported by frames provided on both sides of a moving bolster in a work transfer direction, the pair of bars being arranged in parallel in the work transfer direction;

a feed carrier held by each of the bars;

a feed drive mechanism provided on each of the bars, the

feed drive mechanism driving the feed carrier in the work transfer direction;

a base held by the feed carrier;

a lift drive mechanism provided on the feed carrier, the lift drive mechanism driving the base in a lift direction so that the base moves vertically; and

a work holder detachably attached to the base for holding a work.

~~{CLAIM 7}~~

7. (Currently Amended) The work carrying device of pressing machine according to claim 6, further comprising:

a clamp drive mechanism provided on the feed carrier, the clamp drive mechanism driving the base in a clamp direction perpendicular to the work transfer direction.

~~{CLAIM 8}~~

8. (Currently Amended) The work carrying device of pressing machine according to claim 6 ~~or 7~~,

wherein at least one of the feed drive mechanism and the lift drive mechanism is provided with a linear motor.

~~{CLAIM 9}~~

9. (Currently Amended) The work carrying device of pressing machine according to claim 7,

wherein the clamp drive mechanism is provided with a linear

motor.

~~{CLAIM 10}~~

10. (Currently Amended) The work carrying device of pressing machine according to claim 6 ~~or 7~~,
wherein at least one of the feed drive mechanism and the lift drive mechanism is provided with a servomotor.

~~{CLAIM 11}~~

11. (Currently Amended) The work carrying device of pressing machine according to claim 7,
wherein the clamp drive mechanism is provided with a servomotor.

~~{CLAIM 12}~~

12. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 6 to 11~~ claim 6,
wherein a plurality of the work holders for plural working processes are detachably attached to the base.

~~{CLAIM 13}~~

13. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 6 to 12~~ claim 6,
further comprising:
a bar-interval adjusting device for adjusting an interval between the pair of bars.

~~{CLAIM 14}~~

14. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 6 to 13~~ claim 6, wherein the pair of bars can be detached from the frames.

~~{CLAIM 15}~~

15. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 1 to 14~~ claim 1, wherein a plurality of the feed carriers are held by each of the bars, a motion of the each feed carrier being individually controllable.

~~{CLAIM 16}~~

16. (Currently Amended) The work carrying device of pressing machine according to ~~any one of claims 1 to 14~~ claim 1, wherein a plurality of the feed carriers are held by each of the bars, adjacent ones of the plurality of the feed carriers being connected to each other by a connector.

17. (new) The work carrying device of pressing machine according to claim 6,

wherein a plurality of the feed carriers are held by each of the bars, a motion of each feed carrier being individually controllable.

18. (new) The work carrying device of pressing machine according to claim 6,

wherein a plurality of the feed carriers are held by each of the bars, adjacent ones of the plurality of the feed carriers being connected to each other by a connector.